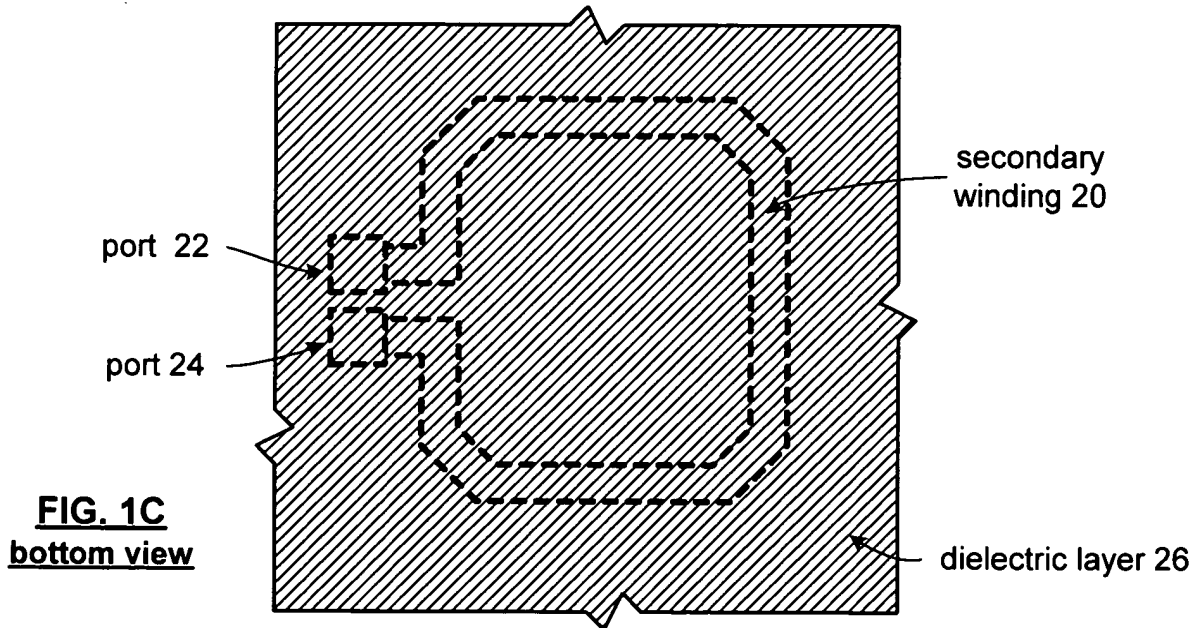
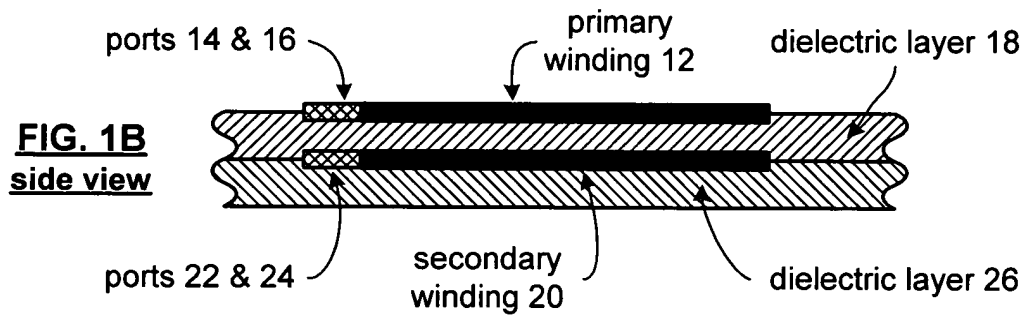
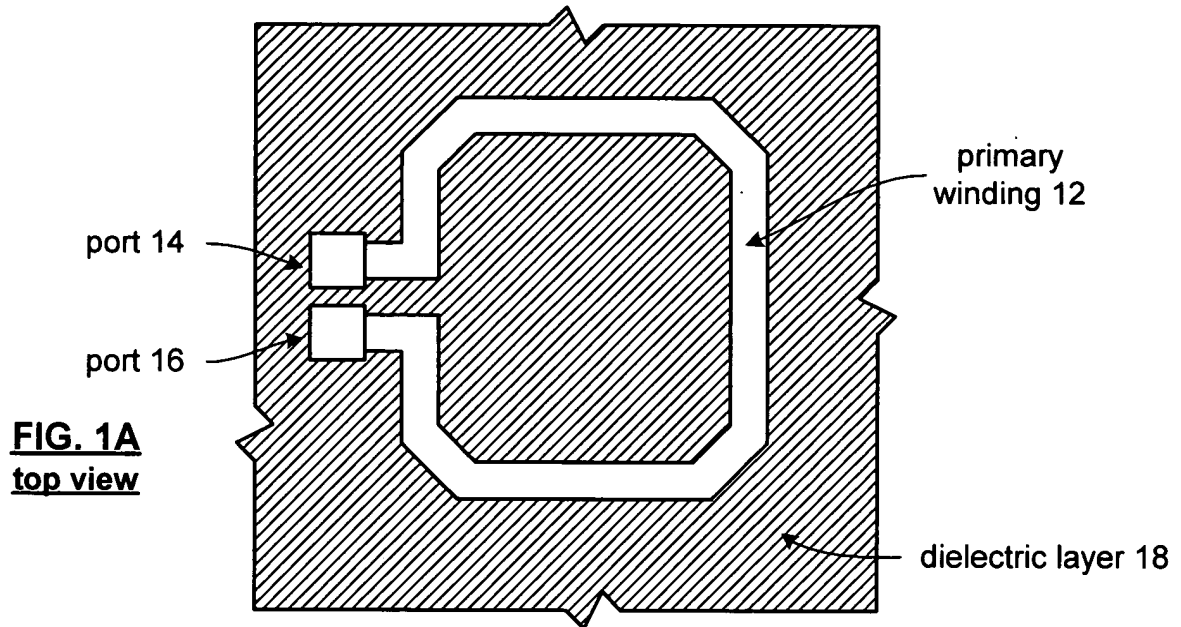


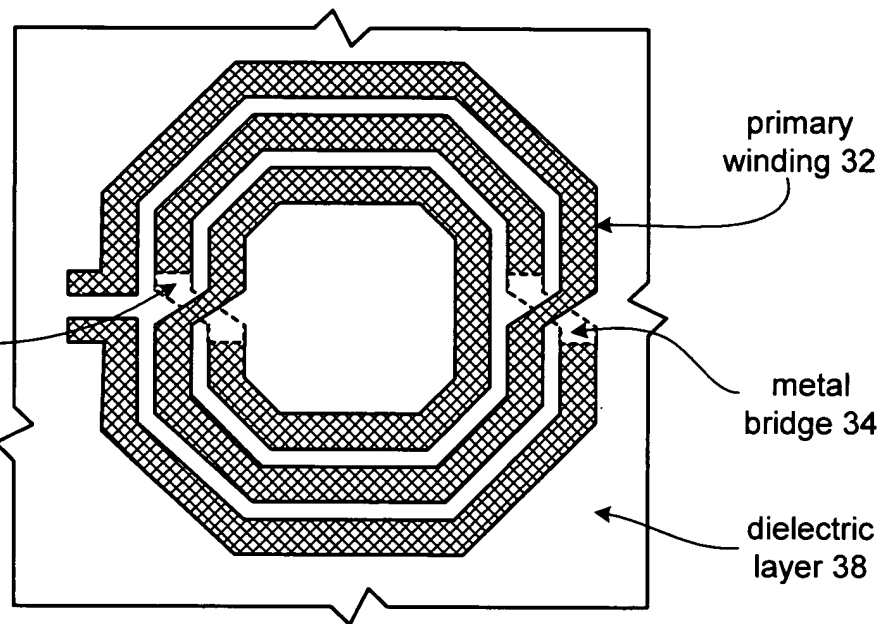
on-chip transform r 10



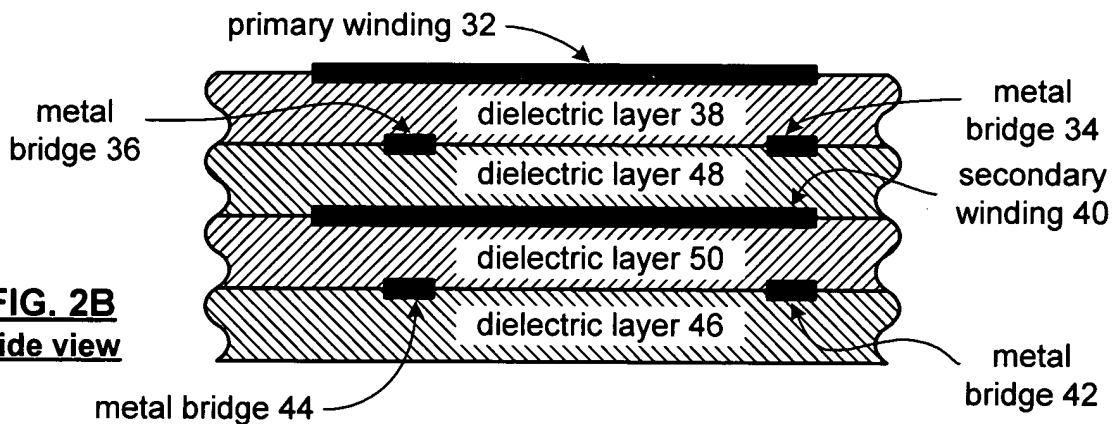
**on-chip
transformer 30**

metal
bridge 36

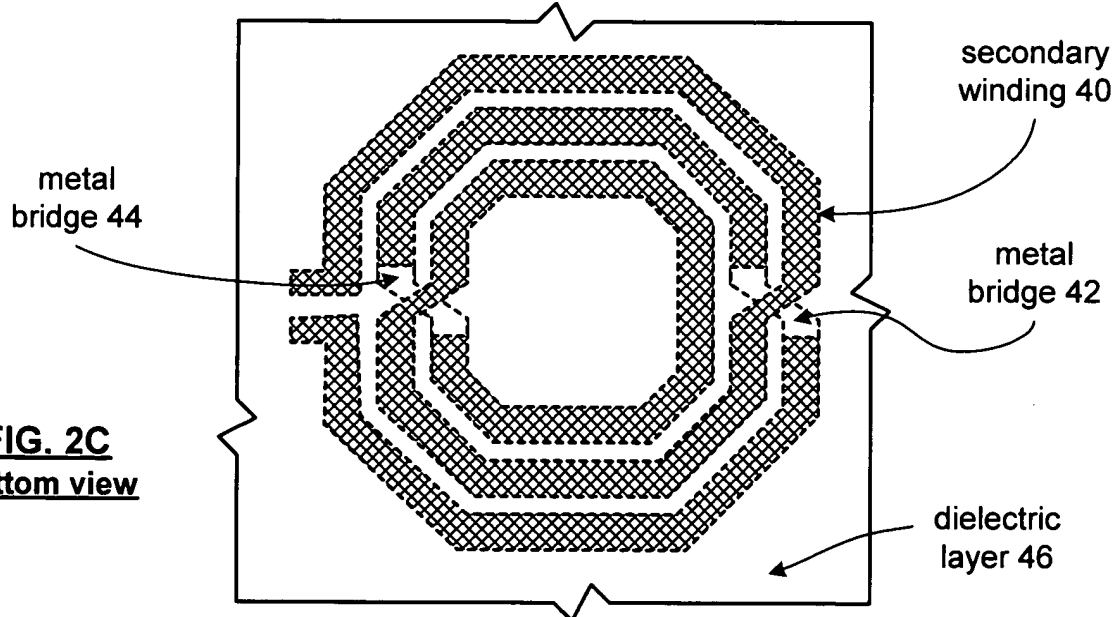
**FIG. 2A
top view**



**FIG. 2B
side view**



**FIG. 2C
bottom view**



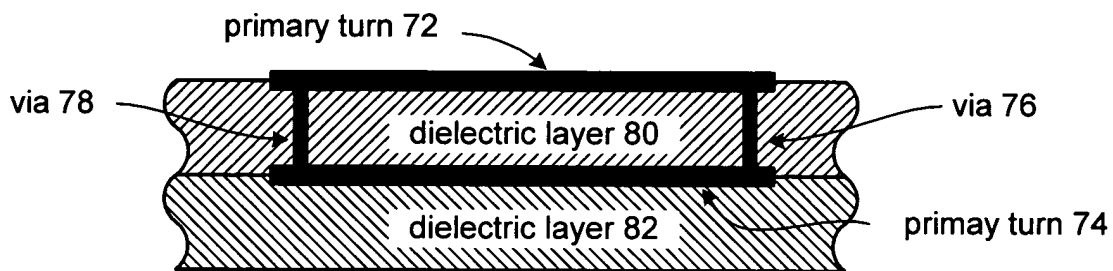
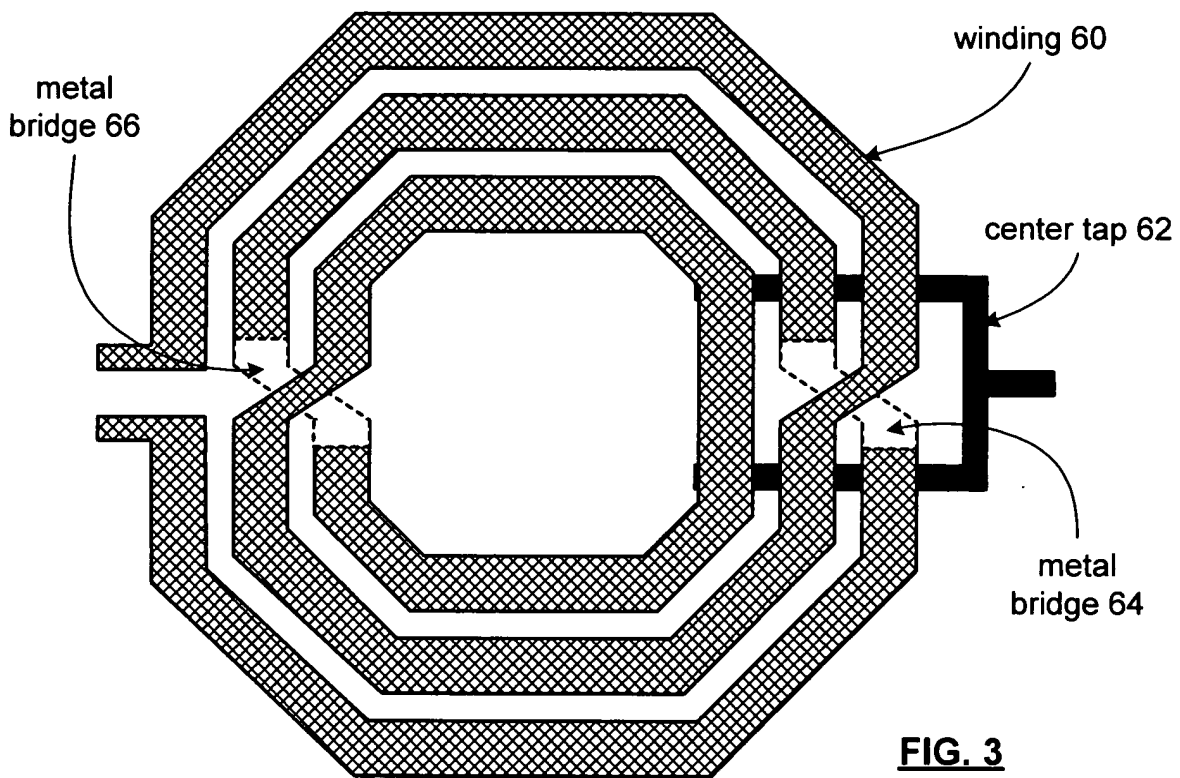


FIG. 4
primary winding 70

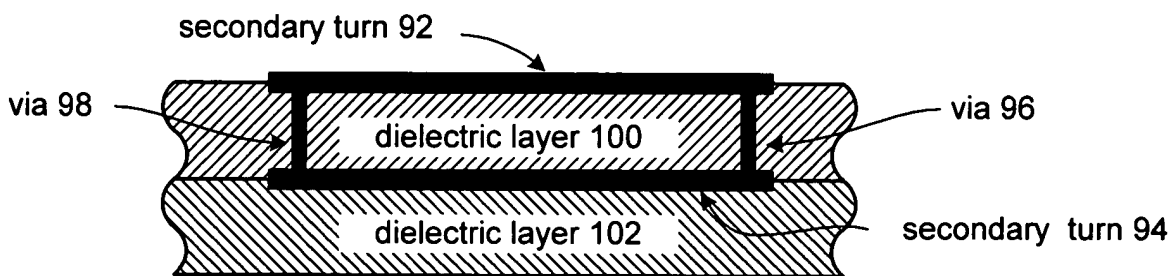
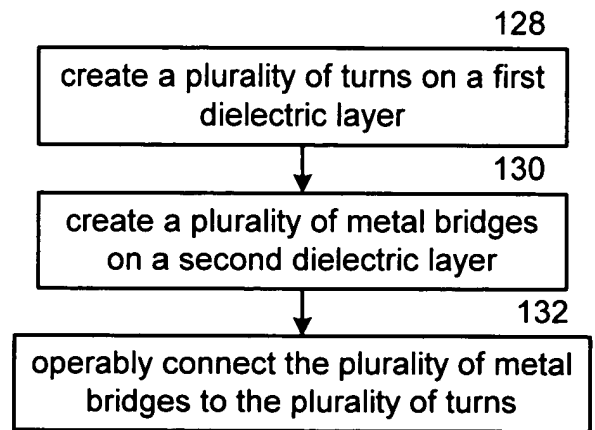
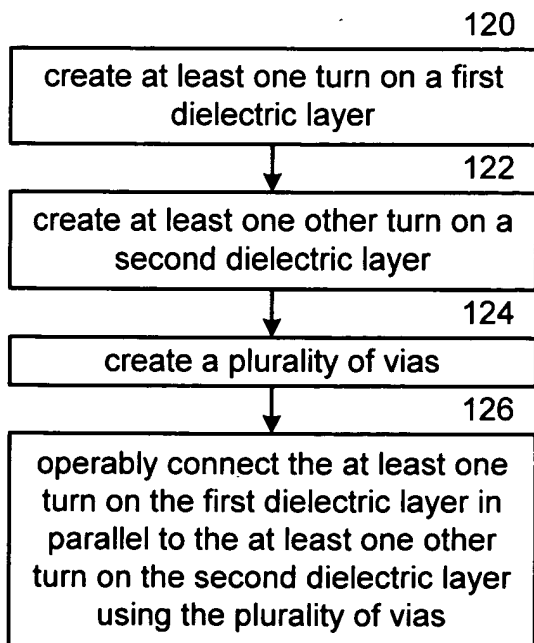
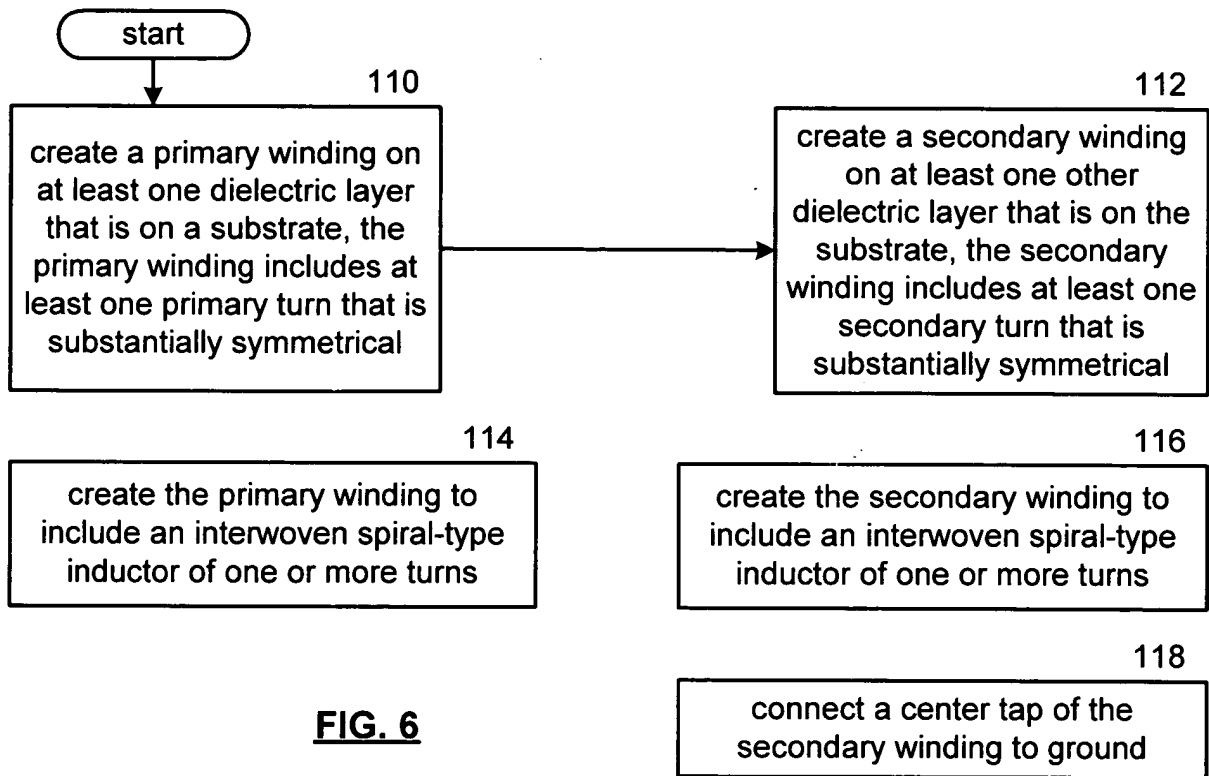


FIG. 5
secondary winding 90



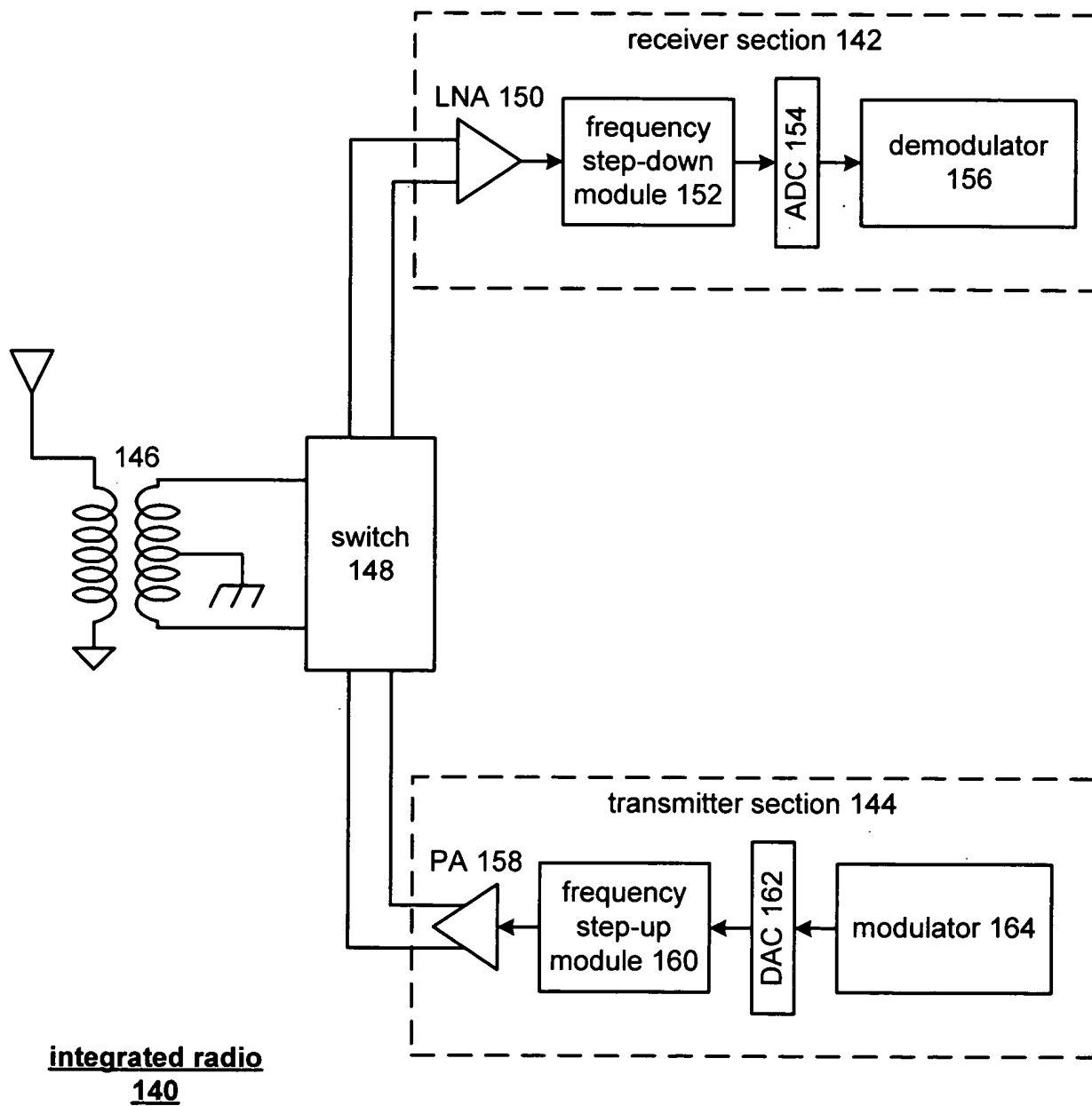


FIG. 9